

CHAPTER 13

REFERENCED STANDARDS

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title, and the section or sections of this document that reference the standard. The application of the referenced standards shall be as specified in Section 102.8.

| Standard Reference Number | Title | Referenced in code section number |
|---|---|-----------------------------------|
| <p>ANSI American National Standards Institute 25 West 43rd Street, Fourth Floor New York, NY 10036</p> | | |
| A118—10.99 | Specifications for Load Bearing, Bonded, Waterproof Membranes for Thin Set Ceramic Tile and Dimension Stone Installation. | .417.5.2.5 |
| Z4.3—95 | Minimum Requirements for Nonsewered Waste-disposal Systems. | .311.1 |
| Z21.22—99 (R2003) | Relief Valves for Hot Water Supply Systems with Addenda Z21.22a-2000 (R2003) and Z21.22b-2001 (R2003). | .504.2, 504.4 |
| Z124.1—95 | Plastic Bathtub Units. | .407.1 |
| Z124.2—95 | Plastic Shower Receptors and Shower Stalls | .417.1 |
| Z124.3—95 | Plastic Lavatories | .416.1, 416.2, 417.1 |
| Z124.4—96 | Plastic Water Closet Bowls and Tanks | .420.1 |
| Z124.6—97 | Plastic Sinks | .415.1, 418.1 |
| Z124.9—94 | Plastic Urinal Fixtures. | .419.1 |

| Standard Reference Number | Title | Referenced in code section number |
|---|---|-----------------------------------|
| <p>AHRI Air-Conditioning, Heating, & Refrigeration Institute 4100 North Fairfax Drive, Suite 200 Arlington, VA 22203</p> | | |
| 1010—02 | Self-contained, Mechanically Refrigerated Drinking-Water Coolers. | .410.1 |

| Standard Reference Number | Title | Referenced in code section number |
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| <p>ASME American Society of Mechanical Engineers Three Park Avenue New York, NY 10016-5900</p> | | |
| A112.1.2—2004 | Air Gaps in Plumbing Systems | Table 608.1, 608.13.1 |
| A112.1.3—2000 Reaffirmed 2005 | Air Gap Fittings for Use with Plumbing Fixtures, Appliances and Appurtenances. | Table 608.1, 608.13.1 |
| A112.3.1—2007 | Stainless Steel Drainage Systems for Sanitary, DWV, Storm and Vacuum Applications Above and Below Ground | .412.1, Table 702.1, Table 702.2, Table 702.3, Table 702.4, 708.2, Table 1102.4, Table 1102.5, 1102.6, Table 1102.7 |
| A112.3.4—2000 (Reaffirmed 2004) | Macerating Toilet Systems and Related Components | .712.4.1 |
| A112.4.1—1993 (R2002) | Water Heater Relief Valve Drain Tubes | .504.6 |
| A112.4.3—1999 (Reaffirmed 2004) | Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System | .405.4 |
| A112.6.1M—1997 (R2002) | Floor-affixed Supports for Off-the-floor Plumbing Fixtures for Public Use. | .405.4.3 |
| A112.6.2—2000 (Reaffirmed 2004) | Framing-affixed Supports for Off-the-floor Water Closets with Concealed Tanks | .405.4.3 |
| A112.6.3—(Reaffirmed 2007) | 2001 Floor and Trench Drains. | .412.1 |
| A112.6.7—2001 (Reaffirmed 2007) | Enameled and Epoxy-coated Cast-iron and PVC Plastic Sanitary Floor Sinks. | .427.1 |

REFERENCED STANDARDS

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| A112.14.1—2003 | Backwater Valves | 715.2 |
| A112.14.3—2000 | Grease Interceptors | 1003.3.4 |
| A112.14.4—2001 (Reaffirmed 2007) | Grease Removal Devices | 1003.3.4 |
| A112.18.1-2005/ CSA B125.1-2005 | Plumbing Supply Fittings | 424.1, 424.2, 424.3, 607.4, 608.2 |
| A112.18.2-2005/ CSA B125.2-2005 | Plumbing Waste Fittings | 424.1.2 |
| A112.18.3—2002 | Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings. | 424.2, 424.6 |
| A112.18.6—2003 | Flexible Water Connectors | 605.6 |
| A112.18.7—1999 (Reaffirmed 2004) | Deck mounted Bath/Shower Transfer Valves with Integral Backflow Protection | 424.8 |
| A112.19.1M—2004 (Reaffirmed 2004) | Enameled Cast Iron Plumbing Fixtures | 407.1, 410.1, 415.1, 416.1, 418.1 |
| A112.19.2—2003 | Vitreous China Plumbing Fixtures and Hydraulic Requirements for Water Closets and Urinals | 401.2, 405.9, 408.1, 410.1, 416.1, 418.1, 419.1, 420.1 |
| A112.19.3M—2000 (Reaffirmed 2007) | Stainless Steel Plumbing Fixtures (Designed for Residential Use). | 405.9, 415.1, 416.1, 418.1 |
| A112.19.4M—1994 (Reaffirmed 2004) | Porcelain Enameled Formed Steel Plumbing Fixtures | 407.1, 416.1, 418.1 |
| A112.19.5—2005 | Trim for Water-closet Bowls, Tanks and Urinals | 425.4 |
| A112.19.6—1995 | Hydraulic Performance Requirements for Water Closets and Urinals | 419.1, 420.1 |
| A112.19.7M—2006 | Hydromassage Bathtub Appliances | 421.1 |
| A112.19.8M—2007 | Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs. | 421.4 |
| A112.19.9M—1991(R2002) | Nonvitreous Ceramic Plumbing Fixtures with 2002 Supplement | 407.1, 408.1, 410.1, 415.1, 416.1, 417.1, 418.1, 420.1 |
| A112.19.12—2006 | Wall Mounted and Pedestal Mounted, Adjustable, Elevating, Tilting and Pivoting Lavatory, Sink and Shampoo Bowl Carrier Systems and Drain Systems | 416.4, 418.3 |
| A112.19.13—2001 (Reaffirmed 2007) | Electrohydraulic Water Closets | 420.1 |
| A112.19.15—2005 | Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors | 407.4, 421.5 |
| A112.19.19—2006 | Vitreous China Nonwater Urinals | 419.1 |
| A112.21.2M—1983 | Roof Drains | 1102.6 |
| A112.36.2M—1991(R2002) | Cleanouts | 708.2 |
| B1.20.1—1983(R2006) | Pipe Threads, General Purpose (inch). | 605.10.3, 605.12.3, 605.14.4, 605.16.3, 605.18.1, 705.2.3, 705.4.3, 705.9.4, 705.12.1, 705.14.3 |
| B16.3—2006 | Malleable Iron Threaded Fittings Classes 150 and 300 | Table 605.5, Table 702.4, Table 1102.7 |
| B16.4—2006 | Gray Iron Threaded Fittings Classes 125 and 250 | Table 605.5, Table 702.4, Table 1102.7 |
| B16.9—2003 | Factory-made Wrought Steel Butt-welding Fittings | Table 605.5, Table 702.4, Table 1102.7 |
| B16.11—2005 | Forged Fittings, Socket-welding and Threaded. | Table 605.5, Table 702.4, Table 1102.7 |
| B16.12—1998 (Reaffirmed 2006) | Cast-iron Threaded Drainage Fittings | Table 605.5, Table 702.4, Table 1102.7 |
| B16.15—2006 | Cast Bronze Threaded Fittings | Table 605.5, Table 702.4, Table 1102.7 |
| B16.18—2001 (Reaffirmed 2005) | Cast Copper Alloy Solder Joint Pressure Fittings | Table 605.5, Table 702.4, Table 1102.7 |
| B16.22—2001 (Reaffirmed 2005) | Wrought Copper and Copper Alloy Solder Joint Pressure Fittings. | Table 605.5, Table 702.4, Table 1102.7 |
| B16.23—2002 (Reaffirmed 2006) | Cast Copper Alloy Solder Joint Drainage Fittings DWV | Table 605.5, Table 702.4, Table 1102.7 |
| B16.26—2006 | Cast Copper Alloy Fittings for Flared Copper Tubes | Table 605.5, Table 702.4, Table 1102.7 |
| B16.28—1994 | Wrought Steel Butt-welding Short Radius Elbows and Returns | Table 605.5, Table 702.4, Table 1102.7 |
| B16.29—2001 | Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings (DWV). | Table 605.5, Table 702.4, Table 1102.7 |



American Society of Sanitary Engineering
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| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|---|--|
| 1001—02 | Performance Requirements for Atmospheric Type Vacuum Breakers | 425.2, Table 608.1, 608.13.6, 608.16.4.1 |
| 1002—99 | Performance Requirements for Antisiphon Fill Valves (Ballcocks) for Gravimetry Water Closet Flush Tanks. | 425.3.1, Table 608.1 |

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| 1003—01 | Performance Requirements for Water Pressure Reducing Valves | 604.8 |
| 1004—90 | Performance Requirements for Backflow Prevention Requirements for Commercial Dishwashing Machines | 409.1 |
| 1005—99 | Performance Requirements for Water Heater Drain Valves | 501.3 |
| 1006—89 | Performance Requirements for Residential Use Dishwashers | 409.1 |
| 1007—92 | Performance Requirements for Home Laundry Equipment | 406.1, 406.2 |
| 1008—89 | Performance Requirements for Household Food Waste Disposer Units | 413.1 |
| 1009—90 | Performance Requirements for Commercial Food Waste Grinder Units | 413.1 |
| 1010—04 | Performance Requirements for Water Hammer Arresters | 604.9 |
| 1011—04 | Performance Requirements for Hose Connection Vacuum Breakers | Table 608.1, 608.13.6 |
| 1012—02 | Performance Requirements for Backflow Preventers with Intermediate Atmospheric Vent | Table 608.1, 608.13.3, 608.16.2 |
| 1013—05 | Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers | Table 608.1, 608.13.2, 608.16.2 |
| 1015—05 | Performance Requirements for Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies. | Table 608.1, 608.13.7 |
| 1016—96 | Performance Requirements for Individual Thermostatic, Pressure Balancing and Combination Control Valves for Individual Fixture Fittings | 424.3, 424.4, 607.4 |
| 1017—03 | Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems. | 501.2, 613.1 |
| 1018—01 | Performance Requirements for Trap Seal Primer Valves; Potable Water Supplied | 1002.4 |
| 1019—04 | Performance Requirements for Vacuum Breaker Wall Hydrants, Freeze Resistant, Automatic Draining Type | Table 608.1, 608.13.6 |
| 1020—04 | Performance Requirements for Pressure Vacuum Breaker Assembly | Table 608.1, 608.13.5 |
| 1022—03 | Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment | Table 608.1, 608.16.1, 608.16.10 |
| 1024—04 | Performance Requirements for Dual Check Valve Type Backflow Preventers (for Residential Supply Service or Individual Outlets). | 605.3.1, Table 608.1 |
| 1035—02 | Performance Requirements for Laboratory Faucet Backflow Preventers | Table 608.1, 608.13.6 |
| 1037—90 | Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures. | 425.2 |
| 1044—01 | Performance Requirements for Trap Seal Primer Devices Drainage Types and Electronic Design Types | 1002.4 |
| 1047—05 | Performance Requirements for Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies | Table 608.1, 608.13.2 |
| 1048—05 | Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies | Table 608.1, 608.13.7 |
| 1050—02 | Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems | 917.1 |
| 1051—02 | Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems—fixture and Branch Devices | 917.1 |
| 1052—04 | Performance Requirements for Hose Connection Backflow Preventers. | Table 608.1, 608.13.6 |
| 1055—97 | Performance Requirements for Chemical Dispensing Systems. | 608.13.9 |
| 1056—01 | Performance Requirements for Spill Resistant Vacuum Breaker | Table 608.1, 608.13.5, 608.13.8 |
| 1060—96 | Performance Requirements for Outdoor Enclosures for Backflow Prevention Assemblies | 608.14.1 |
| 1061—06 | Performance Requirements for Removable and Nonremovable Push Fit Fittings | Table 605.5 |
| 1062—97 | Performance Requirements for Temperature Actuated, Flow Reduction Valves to Individual Fixture Fittings | 424.7 |
| 1066—97 | Performance Requirements for Individual Pressure Balancing In-line Valves for Individual Fixture Fittings | 604.11 |
| 1069—05 | Performance Requirements for Automatic Temperature Control Mixing Valves. | 424.4 |
| 1070—04 | Performance Requirements for Water-temperature Limiting Devices. | 408.3, 416.5, 424.5, 607.1 |
| 1072—06 | Performance Requirements for Barrier Type Floor Drain Trap Seal Protection Devices. | 1002.4 |
| 1079—2005 | Dielectric Pipe Unions | 605.24.1, 605.24.3 |
| 5013—98 | Performance Requirements for Testing Reduced Pressure Principle Backflow Prevention Assembly (RPA) and Reduced Pressure Fire Protection Principle Backflow Preventers (RFP) | 312.10.2 |
| 5015—98 | Performance Requirements for Testing Double Check Valve Backflow Prevention Assembly (DCVA) | 312.10.2 |
| 5020—98 | Performance Requirements for Testing Pressure Vacuum Breaker Assembly (PVBA) | 312.10.2 |
| 5047—98 | Performance Requirements for Testing Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies (RPDA) | 312.10.2 |
| 5048—98 | Performance Requirements for Testing Double Check Valve Detector Assembly (DCDA). | 312.10.2 |
| 5052—98 | Performance Requirements for Testing Hose Connection Backflow Preventers | 312.10.2 |
| 5056—98 | Performance Requirements for Testing Spill Resistant Vacuum Breaker | 312.10.2 |

REFERENCED STANDARDS



ASTM International
100 Barr Harbor Drive
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| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|--|--|
| A 53/A 53M—06a | Specification for Pipe, Steel, Black and Hot-dipped, Zinc-coated Welded and Seamless | Table 605.3, Table 605.4, Table 702.1 |
| A 74—06 | Specification for Cast-iron Soil Pipe and Fittings | Table 702.1, Table 702.2, Table 702.3, Table 702.4, 708.2, 708.7, Table 1102.4, Table 1102.5, Table 1102.7 |
| A 312/A 312M—06 | Specification for Seamless and Welded Austenitic Stainless Steel Pipes | Table 605.3, Table 605.4, Table 605.5, 605.23.2 |
| A 733—03 | Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples | Table 605.8 |
| A 778—01 | Specification for Welded Unannealed Austenitic Stainless Steel Tubular Products | Table 605.3, Table 605.4, Table 605.5 |
| A 888—07a | Specification for Hubless Cast-iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application | Table 702.1, Table 702.2, Table 702.3, Table 702.4, 708.7, Table 1102.4, Table 1102.5, Table 1102.7 |
| B 32—04 | Specification for Solder Metal | 605.14.3, 605.15.4, 705.9.3, 705.10.3 |
| B 42—02e01 | Specification for Seamless Copper Pipe, Standard Sizes | Table 605.3, Table 605.4, Table 702.1 |
| B 43—98(2004) | Specification for Seamless Red Brass Pipe, Standard Sizes | Table 605.3, Table 605.4, Table 702.1 |
| B 75—02 | Specification for Seamless Copper Tube | Table 605.3, Table 605.4, Table 702.1, Table 702.2, Table 702.3, Table 1102.4 |
| B 88—03 | Specification for Seamless Copper Water Tube | Table 605.3, Table 605.4, Table 702.1, Table 702.2, Table 702.3, Table 1102.4 |
| B 152/B 152M—06a | Specification for Copper Sheet, Strip Plate and Rolled Bar | 402.3, , 417.5.2.4, 425.3.3, 902.2 |
| B 251—02e01 | Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube. | Table 605.3, Table 605.4, Table 702.1, Table 702.2, Table 702.3, Table 1102.4 |
| B 302—02 | Specification for Threadless Copper Pipe, Standard Sizes | Table 605.3, Table 605.4, Table 702.1 |
| B 306—02 | Specification for Copper Drainage Tube (DWV) | Table 702.1, Table 702.2, Table 1102.4 |
| B 447—07 | Specification for Welded Copper Tube. | Table 605.3, Table 605.4 |
| B 687—99(2005)e01 | Specification for Brass, Copper and Chromium-plated Pipe Nipples. | Table 605.8 |
| B 813—00e01 | Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube | 605.14.3, 605.15.4, 705.9.3, 705.10.3 |
| B 828—02 | Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings. | 605.14.3, 605.15.4, 705.9.3, 705.10.3 |
| C 4—04e01 | Specification for Clay Drain Tile and Perforated Clay Drain Tile | Table 702.3, Table 1102.4, Table 1102.5 |
| C 14—07 | Specification for Nonreinforced Concrete Sewer, Storm Drain and Culvert Pipe. | Table 702.3, Table 1102.4 |
| C 76—07 | Specification for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe | Table 702.3, Table 1102.4 |
| C 296—(2004)e01 | Specification for Asbestos-cement Pressure Pipe | Table 605.3 |
| C 425—04 | Specification for Compression Joints for Vitrified Clay Pipe and Fittings | 705.15, 705.19 |
| C 428—97(2006) | Specification for Asbestos-cement Nonpressure Sewer Pipe | Table 702.2, Table 702.3, Table 702.4, Table 1102.4 |
| C 443—05a | Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets | 705.6, 705.19 |
| C 508—(2004) | Specification for Asbestos-cement Underdrain Pipe. | Table 1102.5 |
| C 564—04a | Specification for Rubber Gaskets for Cast-iron Soil Pipe and Fittings | 705.5.2, 705.5.3, 705.19, Table 1102.4 |
| C 700—07 | Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated | Table 702.3, 702.4, Table 1102.4, Table 1102.5 |
| C 1053—00(2005) | Specification for Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications | Table 702.1, Table 702.4 |
| C 1173—06 | Specification for Flexible Transition Couplings for Underground Piping System. | 705.2.1, 705.7.1, 705.14.1, 705.15, 705.16.1, 705.19 |
| C 1277—06 | Specification for Shielded Coupling Joining Hubless Cast-iron Soil Pipe and Fittings | 705.5.3 |
| C 1440—03 | Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems. | 705.19 |
| C 1460—04 | Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground | 705.19 |
| C 1461—06 | Specification for Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste and Vent (DWV) Sewer, Sanitary and Storm Plumbing Systems for Above and Below Ground Use | 705.19 |
| C 1540—04 | Specification for Heavy Duty Shielded Couplings Joining Hubless Cast-iron Soil Pipe and Fittings | 705.5.3 |
| C 1563—04 | Standard Test Method for Gaskets for Use in Connection with Hub and Spigot Cast Iron Soil Pipe and Fittings for Sanitary Drain, Waste, Vent and Storm Piping Applications. | 705.5.2 |

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| D 1527—99(2005) | Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80 | Table 605.3 |
| D 1785—06 | Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120 | Table 605.3 |
| D 1869—95(2005) | Specification for Rubber Rings for Asbestos-cement Pipe | 605.11, 605.24, 705.3, 705.19 |
| D 2235—04 | Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings | 605.10.2, 705.2.2, 705.7.2 |
| D 2239—03 | Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter | Table 605.3 |
| D 2241—05 | Specification for Poly (Vinyl Chloride) (PVC) Pressure-rated Pipe (SDR-Series) | Table 605.3 |
| D 2282—(2005)99e01 | Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR) | Table 605.3 |
| D 2464—06 | Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 | Table 605.5, Table 1102.7 |
| D 2466—06 | Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 | Table 605.5, Table 1102.7 |
| D 2467—06 | Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 | Table 605.5, Table 1102.7 |
| D 2468—96a | Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40 | Table 605.5, Table 1102.7 |
| D 2564—04e01 | Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems | 605.21.2, 705.8.2, 705.14.2 |
| D 2609—02 | Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe | Table 605.5, Table 1102.7 |
| D 2657—07 | Practice for Heat Fusion-joining of Polyolefin Pipe and Fitting | 605.19.2, 705.16.1 |
| D 2661—06 | Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings | Table 702.1, Table 702.2, Table 702.3, Table 702.4, 705.2.2, 705.7.2, Table 1102.4, Table 1102.7 |
| D 2665—07 | Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings | Table 702.1, Table 702.2, Table 702.3, Table 702.4, Table 1102.4, Table 1102.7 |
| D 2672—96a(2003) | Specification for Joints for IPS PVC Pipe Using Solvent Cement | Table 605.3 |
| D 2683—04 | Standard Specification for Socket-type Polyethylene fittings for Outside Diameter-controlled Polyethylene Pipe and Tubing | Table 605.5 |
| D 2729—04e01 | Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings | Table 1102.5 |
| D 2737—03 | Specification for Polyethylene (PE) Plastic Tubing | Table 605.3 |
| D 2751—05 | Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings | Table 702.3, Table 702.4, Table 1102.7 |
| D 2846/D 2846M—06 | Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot and Cold Water Distribution Systems | Table 605.3, Table 605.4, Table 605.5, 605.16.2 |
| D 2855—96(2002) | Standard Practice for Making Solvent-cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings | 605.22.2, 705.8.2, 705.14.2 |
| D 2949—01ae01 | Specification for 3.25-in Outside Diameter Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings | Table 702.1, Table 702.2, Table 702.3, Table 702.4 |
| D 3034—06 | Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings | Table 702.3, Table 702.4, Table 1102.7, Table 1102.4 |
| D 3035-03 | Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter | Table 605.3 |
| D 3139—98(2005) | Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals | 605.10.1, 605.22.1 |
| D 3212—96a(2003)e01 | Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals | 705.2.1, 705.8.1, 705.14.1, 705.16.2 |
| D 3261—03 | Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic fittings for Polyethylene (PE) Plastic Pipe and Tubing | Table 605.5 |
| D 3311—06a | Specification for Drain, Waste and Vent (DWV) Plastic Fittings Patterns | Table 1102.7 |
| D 4068—01 | Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-containment Membrane | 417.5.2.2 |
| D 4551—96(2001) | Specification for Poly (Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-containment Membrane | 417.5.2.1 |
| F 405—05 | Specification for Corrugated Polyethylene (PE) Tubing and Fittings | Table 1102.5 |
| F 409—02 | Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings | 424.1.2, Table 1102.7 |
| F 437—06 | Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 | Table 605.5 |
| F 438—04 | Specification for Socket-type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40 | Table 605.5 |
| F 439—06 | Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 | Table 605.5 |
| F 441/F 441M—02 | Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 | Table 605.3, Table 605.4 |
| F 442/F 442M—99(2005) | Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR) | Table 605.3, Table 605.4 |
| F 477—07 | Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe | 605.24, 705.19 |
| F 493—04 | Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings | 605.16.2 |
| F 628—06e01 | Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core | Table 702.1, Table 702.2, Table 702.3, Table 702.4, 705.2.2, 705.7.2, Table 1102.4, Table 1102.7 |

REFERENCED STANDARDS

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| F 656—02 | Specification for Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings. | 605.22.2, 705.8.2, 705.14.2 |
| F 714—06a | Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter. | Table 702.3 |
| F 876—06 | Specification for Cross-linked Polyethylene (PEX) Tubing | Table 605.3, Table 605.4 |
| F 877—07 | Specification for Cross-linked Polyethylene (PEX) Plastic Hot and Cold Water Distribution Systems | Table 605.3, Table 605.4, Table 605.5 |
| F 891—04 | Specification for Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core | Table 702.1, Table 702.2, Table 702.3, Table 1102.4, Table 1102.5, Table 1102.7 |
| F 1055—98(2006) | Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Tubing | Table 605.5 |
| F 1281—07 | Specification for Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Pressure Pipe | Table 605.3, Table 605.4, Table 605.5, 605.21.1 |
| F 1282—06 | Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe | Table 605.3, Table 605.4, Table 605.5, 605.21.1 |
| F 1412—01e01 | Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage | Table 702.1, Table 702.2, Table 702.4, 705.17.1 |
| F 1488—03 | Specification for Coextruded Composite Pipe. | Table 702.1, Table 702.2, Table 702.3 |
| F 1673—04 | Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems. | Table 702.1, Table 702.2, Table 702.3, Table 702.4, 705.18.1 |
| F 1807—07 | Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing | Table 605.5 |
| F 1866—07 | Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings | Table 702.4, Table 1102.7 |
| F 1960—07 | Specification for Cold Expansion Fittings with PEX Reinforcing Rings for use with Cross-linked Polyethylene (PEX) Tubing | Table 605.5 |
| F 1974—04 | Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Composite Pressure Pipe | Table 605.5, 605.21.1 |
| F 1986—01(2006) | Specification for Multilayer Pipe, Type 2, Compression Fittings and Compression Joints for Hot and Cold Drinking Water Systems | Table 605.3, Table 605.4, Table 605.5 |
| F 2080—05 | Specifications for Cold-expansion Fittings with Metal Compression-sleeves for Cross-linked Polyethylene (PEX) Pipe | Table 605.5 |
| F 2098—04e01 | Standard specification for Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing to Metal Insert Fittings. | Table 605.5 |
| F 2159—05 | Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing | Table 605.5 |
| F 2262—03 | Specification for Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Tubing OD Controlled SDR9. | Table 605.3, Table 605.4 |
| F 2306/F 2306M-05 | 12" to 60" Annular Corrugated Profile-wall Polyethylene (PE) Pipe and Fittings for Gravity Flow Storm Sewer and Subsurface Drainage Applications | Table 1102.4, Table 1102.7 |
| F 2389—06 | Specification for Pressure-rated Polypropylene (PP) Piping Systems | Table 605.3, Table 605.4, Table 605.5, 605.20.1 |
| F 2434—05 | Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX AL-PEX) Tubing | Table 605.5 |



American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126

| Standard Reference Number | Title | Referenced in code section number |
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| A5.8—04 | Specifications for Filler Metals for Brazing and Braze Welding. | 605.12.1, 605.14.1, 605.15.1, 705.4.1, 705.9.1, 705.10.1 |



American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235

| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|---|--|
| C104—98 | Standard for Cement-mortar Lining for Ductile-iron Pipe and Fittings for Water | 605.3, 605.5 |
| C110—/A21.10—03 | Standard for Ductile-iron and Gray-iron Fittings, 3 Inches through 48 Inches, for Water | Table 605.5, Table 702.4, Table 1102.7 |
| C111—00 | Standard for Rubber-gasket Joints for Ductile-iron Pressure Pipe and Fittings. | 605.13 |

AWWA—continued

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| C115/A21.15—99 | Standard for Flanged Ductile-iron Pipe with Ductile-iron or Gray-iron Threaded Flanges | Table 605.3, Table 605.4 |
| C151/A21.51—02 | Standard for Ductile-iron Pipe, Centrifugally Cast for Water | Table 605.3, Table 605.4 |
| C153—00/A21.53—00 | Standard for Ductile-iron Compact Fittings for Water Service. | Table 605.5 |
| C510—00 | Double Check Valve Backflow Prevention Assembly | Table 608.1, 608.13.7 |
| C511—00 | Reduced-pressure Principle Backflow Prevention Assembly | Table 608.1, 608.13.2, 608.16.2 |
| C651—99 | Disinfecting Water Mains | .610.1 |
| C652—02 | Disinfection of Water-storage Facilities | .610.1 |

CISPI

Cast Iron Soil Pipe Institute
5959 Shallowford Road, Suite 419
Chattanooga, TN 37421

| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|---|---|
| 301—04a | Specification for Hubless Cast-iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications. | Table 702.1, Table 702.2, Table 702.3, Table 702.4, 708.7, Table 1102.4, Table 1102.5, Table 1102.7 |
| 310—04 | Specification for Coupling for Use in Connection with Hubless Cast-iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications | .705.5.3 |

CSA

Canadian Standards Association
5060 Spectrum Way.
Mississauga, Ontario, Canada L4W 5N6

| Standard Reference Number | Title | Referenced in code section number |
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| B45.1—02 | Ceramic Plumbing Fixtures. | .408.1, 416.1, 418.1, 419.1, 420.1 |
| B45.2—02 | Enameled Cast-iron Plumbing Fixtures | .407.1, 415.1, 416.1, 418.1 |
| B45.3—02 | Porcelain Enameled Steel Plumbing Fixtures | .407.1, 416.1, 418.1 |
| B45.4—02 | Stainless-steel Plumbing Fixtures | .415.1, 416.1, 418.1, 420.1 |
| B45.5—02 | Plastic Plumbing Fixtures | .407.1, 416.2, 417.1, 419.1, 420.1, 421.1 |
| B45.9—99 | Macerating Systems and Related Components | .712.4.1 |
| B64.1.2—01 | Vacuum Breakers, Pressure Type (PVB). | Table 608.1, 608.13.5 |
| B64.2.1—01 | Vacuum Breakers, Hose Connection Type (HCVB) with Manual Draining Feature | Table 608.1, 608.13.6 |
| B64.2.1.1—01 | Vacuum Breakers, Hose Connection Dual Check Type (HCDVB) | Table 608.1, 608.13.6 |
| B64.4.1—01 | Backflow Preventers, Reduced Pressure Principle Type for Fire Sprinklers (RPF). | Table 608.1, 608.13.2 |
| B64.5—01 | Backflow Preventers, Double Check Type (DCVA) | Table 608.1, 608.13.7 |
| B64.5.1—01 | Backflow Preventers, Double Check Type for Fire Systems (DCVAF) | Table 608.1 608.13.7 |
| B64.6—01 | Backflow Preventers, Dual Check Valve Type (DuC) | .605.3.1, Table 608.1 |
| B64.7—94 | Vacuum Breakers, Laboratory Faucet Type (LFVB) | Table 608.1, 608.13.6 |
| B64.10/B64.10.1—01 | Manual for the Selection and Installation of Backflow Prevention Devices/Manual for the Maintenance and Field Testing of Backflow Prevention Devices | .312.10.2 |
| B79—94(2000) | Floor, Area and Shower Drains, and Cleanouts for Residential Construction | .412.1 |
| B125—01 | Plumbing Fittings | .424.4, 424.6, 425.4 |
| B125.3—2005 | Plumbing Fittings | .416.5, 424.5, 425.3.1, Table 608.1 |
| B137.1—02 | Polyethylene Pipe, Tubing and Fittings for Cold Water Pressure Services | Table 605.3 |
| B137.2—02 | PVC Injection-moulded Gasketed Fittings for Pressure Applications. | Table 605.5, Table 1102.7 |
| B137.3—02 | Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications | Table 605.3, Table 605.4, Table 605.5, 605.22.2, 705.8.2, 705.14.2 |
| B137.5—02 | Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications— with Revisions through September 1992. | Table 605.3, Table 605.4, Table 605.5 |
| B137.6—02 | CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems— with Revisions through May 1986. | Table 605.3, Table 605.4 |
| B137.11—02 | Polypropylene (PP-R) Pipe and Fittings for Pressure Applications | Table 605.3, Table 605.4, Table 605.5 |
| B181.1—02 | ABS Drain, Waste and Vent Pipe and Pipe Fittings. | Table 702.1, Table 702.2, Table 702.3, Table 702.4, 705.2.2, 705.7.2, 715.2, Table 1102.4, Table 1102.7 |
| B181.2—02 | PVC Drain, Waste, and Vent Pipe and Pipe Fittings— with Revisions through December 1993 | Table 702.1 Table 702.2, 705.8.2, 705.14.2, 715.2 |
| B182.1—02 | Plastic Drain and Sewer Pipe and Pipe Fittings | .705.8.2, 705.14.2, Table 1102.4 |
| B182.2—02 | PVC Sewer Pipe and Fittings (PSM Type) | Table 702.3, Table 1102.4, Table 1102.5 |

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| B182.4—02 | Profile PVC Sewer Pipe and Fittings | Table 702.3, Table 1102.4, Table 1102.5 |
| B182.6—02 | Profile Polyethylene Sewer Pipe and Fittings for Leak-proof Sewer Applications | Table 1102.5 |
| B182.8—02 | Profile Polyethylene Storm Sewer and Drainage Pipe and Fittings | Table 1102.5 |
| CAN/CSA-A257.1M—92 | Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings | Table 702.3, Table 1102.4 |
| CAN/CSA-A257.2M—92 | Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings | Table 702.3, Table 1102.4 |
| CAN/CSA-A257.3M—92 | Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections and Fittings Using Rubber Gaskets | 705.6, 705.19 |
| CAN/CSA-B64.1.1—01 | Vacuum Breakers, Atmospheric Type (AVB) | 425.2, Table 608.1, 608.13.6 |
| CAN/CSA-B64.2—01 | Vacuum Breakers, Hose Connection Type (HCVB) | Table 608.1, 608.13.6 |
| CAN/CSA-B64.2.2—01 | Vacuum Breakers, Hose Connection Type (HCVB) with Automatic Draining Feature | Table 608.1, 608.13.6 |
| CAN/CSA-B64.3—01 | Backflow Preventers, Dual Check Valve Type with Atmospheric Port (DCAP) | Table 608.1, 608.13.3, 608.16.2 |
| CAN/CSA-B64.4—01 | Backflow Preventers, Reduced Pressure Principle Type (RP) | Table 608.1, 608.13.2, 608.16.2 |
| CAN/CSA-B64.10—01 | Manual for the Selection, Installation, Maintenance and Field Testing of Backflow Prevention Devices | 312.10.2 |
| CAN/CSA-B137.9—02 | Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems | Table 605.3, Table 605.5, 605.21.1 |
| CAN/CSA-B137.10M—02 | Cross-linked Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems | Table 605.3, Table 605.4, Table 605.5, 605.21.1 |
| CAN/CSA-B181.3—02 | Polyolefin Laboratory Drainage Systems | Table 702.1, Table 702.2, Table 702.4, 705.17.1 |
| CAN/CSA-B182.4—02 | Profile PVC Sewer Pipe and Fittings | Table 702.3, Table 1102.4, Table 1102.5 |
| CAN/CSA-B602—02 | Mechanical Couplings for Drain, Waste and Vent Pipe and Sewer Pipe | 705.2.1, 705.5.3, 705.6, 705.7.1, 705.14.1, 705.15, 705.16.2, 705.19 |

ICC

International Code Council, Inc.
500 New Jersey Ave, NW
6th Floor
Washington, DC 20001

| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|---|--|
| IBC—09 | International Building Code® | 201.3, 305.4, 307.1, 307.2, 307.3, 308.2, 309.1, 310.1, 310.3, 403.1, Table 403.1, 404.1, 407.3, 417.6, 502.6, 606.5.2, 1106.5 |
| IEBC—09 | International Existing Building Code | 101.2 |
| IECC—09 | International Energy Conservation Code | 313.1, 607.2, 607.2.1 |
| IFC—09 | International Fire Code® | 201.3, 1201.1 |
| IFGC—09 | International Fuel Gas Code® | 101.2, 201.3, 502.1 |
| IMC—09 | International Mechanical Code® | 201.3, 307.6, 310.1, 422.9, 502.1, 612.1, 1202.1 |
| IPSDC—09 | International Private Sewage Disposal Code® | 701.2 |
| IRC—09 | International Residential Code | 101.2 |

ISEA

International Safety Equipment Association
1901 N. Moore Street, Suite 808
Arlington, VA 22209

| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| Z358.1—98 | Emergency Eyewash and Shower Equipment | 411.1 |

NFPA

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| 50—01 | Bulk Oxygen Systems at Consumer Sites | 1203.1 |
| 51—07 | Design and Installation of Oxygen-fuel Gas Systems for Welding, Cutting and Allied Processes | 1203.1 |
| 70—08 | National Electric Code | 502.1, 504.3, 1113.1.3 |
| 99C—05 | Gas and Vacuum Systems | 1202.1 |

NSF

NSF International
789 Dixboro Road
Ann Arbor, MI 48105

| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|--|--|
| 3—2007 | Commercial Warewashing Equipment | 409.1 |
| 14—2007 | Plastic Piping System Components and Related Materials | 303.3, 611.3 |
| 18—2007 | Manual Food and Beverage Dispensing Equipment | 426.1 |
| 42—2007e | Drinking Water Treatment Units—Aesthetic Effects | 611.1, 611.3 |
| 44—2004 | Residential Cation Exchange Water Softeners | 611.1, 611.3 |
| 53—2007 | Drinking Water Treatment Units—Health Effects | 611.1, 611.3 |
| 58—2006 | Reverse Osmosis Drinking Water Treatment Systems | 611.2 |
| 61—2007a | Drinking Water System Components—Health Effects | 410.1, 424.1, 605.3, 605.4, 605.5, 605.7, 611.3, 611.3 |
| 62—2004 | Drinking Water Distillation Systems | 611.1 |

PDI

Plumbing and Drainage Institute
800 Turnpike Street, Suite 300
North Andover, MA 01845

| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| G101(2003) | Testing and Rating Procedure for Grease Interceptors with Appendix of Sizing and Installation Data | 1003.3.4 |

UL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096

| Standard Reference Number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| UL508—99 | Industrial Control Equipment with Revision through July 2005 | 314.2.3 |

